TECHNICAL RIDER
STADSSCHOUWBURG UTRECHT

Big and small auditorium

Version: 15.02

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STADSSCHOUWBURG UTRECHT

STARTTIME

Stadsschouwburg Utrecht strives to open auditoriums at least 15 minutes prior to the performance. Under conditions of deliberation we can agree to deviate.

Douwe Egbertszaal	20:00
Blauwe zaal	20:30

ADDRESS AND DRIVING DIRECTIONS

Technical Office:

phone:	+31-30-2324109
fax:	+31-30-2314499
e-mail:	techniek@utrecht.nl

Parking at schouwburg not posible

There is no parking space at the theatre. For the main auditorium there's space for 2 trailers on a dock

For the small auditorium there's 1 parking card available at the reception on presentation of driving licence or passport, These will be kept as security.

Cars without reservation can be parked at garage kruisstraat, or grifthoek, these are on walking distance of the schouwburg

By car from Amsterdam to Utrecht by A2

Exit Ringweg Noord/Maarssen, towards Utrecht (N 230).

Follow direction Hilversum (N 230). Exit Tuindorp/Voordorp.

Follow this road, across the railway, on to a big roundabout (Eykmanplein). Go straight at the roundabout and follow Blauwkapelseweg. Take left at the second traffic lights (T-junction behind the prison). Follow Wittevrouwensingel. Take right at the next traffic lights, across the bridge and take left immediately after the bridge, on to Lucas Bolwerk. After 200 metres the theatre is on your left hand side.

By car from other directions

Follow signs Utrecht/Houten or Almere on to A27.

On A27 take exit Veemarkt (30) towards Utrecht. This is Biltse Rading, changing names into Kardinaal de Jongweg.

Take left at the second roundabout. This is Blauwkapelseweg.

Take left at the second traffic lights (T-junction behind the prison).

Follow Wittevrouwensingel.

Take right at the next traffic lights, across the bridge and take left immediately after the bridge, on to Lucas Bolwerk.

After 200 metres the theatre is on your left hand side.

Public transport

From Utrecht Central Station, Stadsschouwburg Utrecht can be reached on foot in about 15 minutes, or in about 5 minutes by taking bus # 3, 4, 8 or 11.

Computer network

In all spaces is an 100Mbit connection (RJ45) available on request

WIFI

WIFI is available, domain and password will be provided on the scene.

Safety

Equipment brought into the Stadsschouwburg is subject to safety checks by Stadsschouwburg Utrecht staff.

All mains-connected electrical equipment must comply with European safety standards.

Lighting equipment rigged overhead must be secured with a safety chain or similar.

Overhead equipment (including scenery) must be rigged by a qualified rigger, using appropriately certified equipment.

Scenery and large props must be of a fire retardant fabric or treated with a fire retardant. A certificate of such treatment must be produced on request. Polystyrene and other such materials that cannot be treated with fire retardant are not permitted.

The area directly under the fire curtain must, by law, be kept clear of fixed scenery. In the event of a fire the curtain can be lowered.

For the use of open fire a permit is needed from the local fire department, to be applied for at least 2 weeks in advance. The Technical Office can help obtaining the permit.

Pyrotechnics can only be done by a registered pyrotechnician. The procedure to obtain a state permit can take 8 weeks or more.

In accordance with the Dutch legislation a written risk assessment is required for all events, to be presented at least a week in advance.

The Stadsschouwburg Utrecht takes all care, but no responsibility for the loss or damage of any visitor's property, including personal belongings. Artists and technicians are encouraged to refrain from bringing personal belongings not required for the event.

The use of alcohol and drugs during working hours is forbidden by law.

Smoking is not permitted in the entire building

Staff and working hours

The theatre provides 4 all round technicians to assist the visiting company. The company technicians operate lights and sound during the performance.

Morning	11:00-12:30
Afternoon	13:00-17:00
Night setup day	19:00-23:00
Night show day	19:00- end of strike

Different crew sizes or working hours to be discussed 6 weeks in advance.

MAIN AUDITORIUM

The Douwe Egbertszaal is a proscenium arch theatre, suited to medium to large scale dramatic, dance and musical productions.

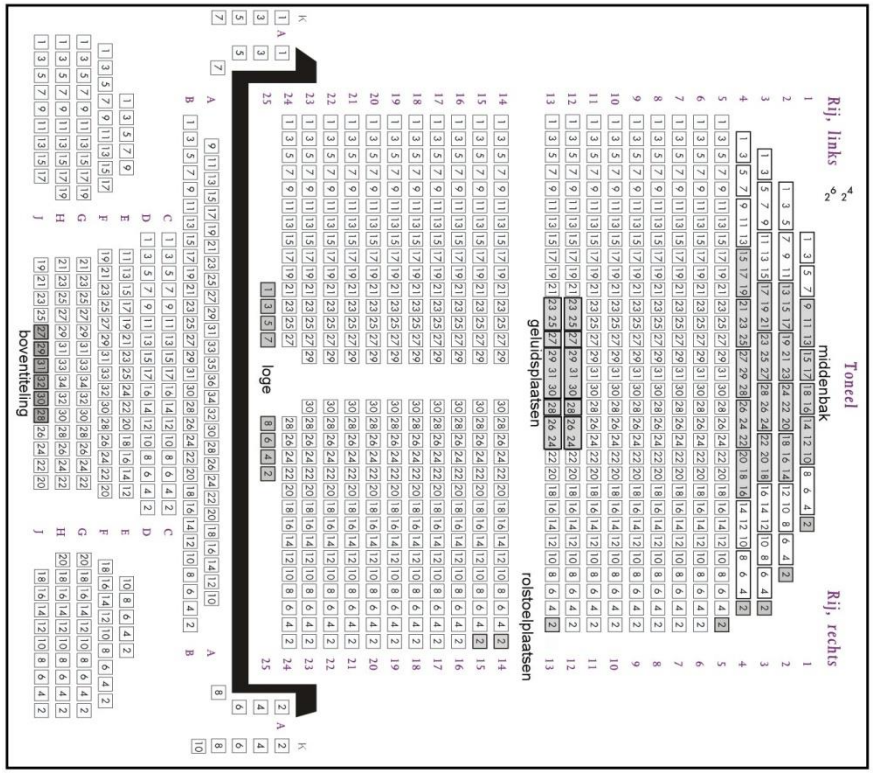
The auditorium has two settings: the normal setting, and the so-called amphitheatre setting, where row 6 through 13 rise one by one, so that row 13 meets the balcony. The seats under the balcony are not in use in this setting.

Seating capacity

When the optional stage extension / orchestra pit is in use, the seating capacity is reduced with 99 seats.

Normal/with orchestra pit	976/876
Amphitheatre/with orchestra pit	638/539

Appendix 1. Seating plot



Sound pit

2 x 9 seats are reserved for lighting and/or sound desk, in the centre of row 12 and 13. Total available space (w x d): 500x180cm

Conductors room/room for disabled

with telephone and cable television connections, private shower and lavatory (suitable for disabled people).

Canteen

Space for 50 persons, 40 seats hot and cold drinks all day, soup and sandwiches at lunchtime – to be ordered in the morning.

Crew catering

request information at our Horeca planning +31(0)302324156

Telephone

Telephone on SL and conductor room. All dressing rooms have telephone conections on request

Dressing rooms

Clothes racks, iron and ironing board are available

Stage level

Dressing room 2	7 persons
Dressing room 3	8 persons

2x 32A CEE +1x 16A CEE (red) available. Drain for washing machine

Dressing room 4	4 persons
Dressing room 5	4 persons
Dressing room 6	4 persons
Dressing room 7	4 persons
Dressing room 8	4 persons
Dressing room 9	4 persons

Shared toilets and showers Washing machine and tumble dryer

Dressing room 14	6 persons
Dressing room 15	6 persons
Dressing room 16	9 persons
Dressing room 17	18 persons
Dressing room 18	21 persons

The theatre has no rehearsal studio, and no wardrobe staff.

STAGE

loading/Unloading

Two loading docks, inside garage. max truck length 16m

Dimensions and material

Hardwood (Keruing)	
Thickness	25mm
Maximum load	700kg/m2
Stage size	
width	27.5m
depth	15.3m
Height from stage level to:	
auditorium floor	-85cm
fly loft	22.40m
max fly bar height	20.5m
minimal fly bar height	35cm
1st side gallery	8.8m
Distance from setting line to:	
Downstage edge	-3.90m
Downstage audience fly bar	-3,46m
Upstage audience fly bar	-3,06m
Sound Fly bar Left/right	-2,63m
main curtain	-1.54m
proscenium fly bar	-1.26m
rear of fire curtain	-1.8m
front of proscenium	-1.1m
first onstage fly bar	0.45m
last onstage fly bar	13.85m
back of the auditorium	-26.5m
Proscenium opening	
Fixed opening	16x8m
Variable opening	
Variable width	10 -16m
Variable height	0.3-8m
Main curtain	
Colour	Red
Control	Greek, manual, SL
Side stage (SR)	
width	11m
depth	10m
height	7m

ORCHESTRA PIT

The orchestra pit can be adjusted to any height between pit level and stage level. The pit consists of a part underneath the stage, and a part (divided in three segments) in the auditorium.

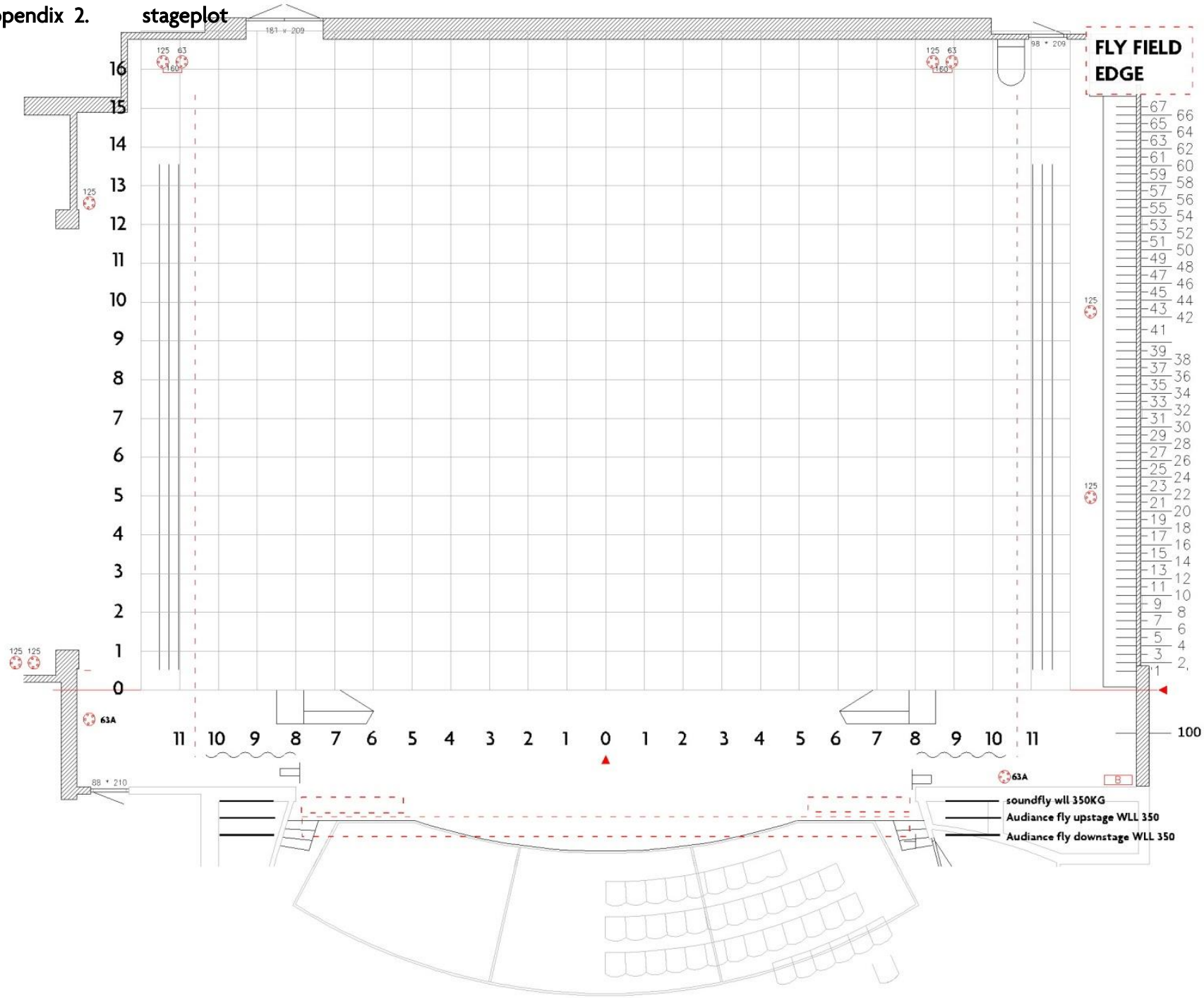
Access to the pit is via the stage or via an elevator at the loading dock.

Smallest pass through opening: 1,6 x 2,2m through elevator.

music stands	60
chairs	84
conductors stand	1

Music stand lights can be dimmed by 4 channel DMX controlled. (one channel for conductor).

Appendix 2. stageplot



MARLEY DANCE FLOOR

1 rolls
width: 1,6m
length: 15m
color: black

MASKING

Material: black, wool

Legs

Number	21
width	6m
height	10.0m

Borders

Number	6
width	21.0m
height	4.7m

Side black

Number	4
width	6.0m
height	9.0m

Cyclorama

Number	1
height	10.0m
width	1.0m

Black scrim gauze

Number	1
height	12.0m
width	21.0m

STAGE RAISERS

1x2m	27
1x1m	4
0,5x1m	6

All raisers have legs of following length: 20,40,60,80,100cm

Railing for raisers

80x200cm (hxl)	10
80x100cm (hxl)	6

Stage piano and piano

Stage piano: Yamaha C7, 2.27m, build 1990

Piano: Yamaha P121 build 2006

RIGGING

The venue has a Computer controlled flying system, supplied by Waagner Biro with multiple control points on the fly gallery and the stage.

Operation of the fly system is restricted to Stadsschouwburg Utrecht staff only.

According Dutch legislation all overhead rigging must confirm to NPR8020-10, which means that safety factors of rigging equipment should be doubled. In practice all SWL values on industry standard equipment are downscaled by a factor 2.

The SWL of the flying system of the venue already complies to this standard.

FOH bar

length	16.0m
speed	0,45m/s
max total load/point load	300/150kg
minimal height	0,35m
maximal height	8,2m

Sound bars

length	2.0m
speed	0,45m/s
max total load/point load	300/150kg
minimal height	0,35m
maximal height	8,2m

Proscenium bar

length	19.0m
max speed	1.8m/s
max total load	500kg
max point load	150kg

Onstage bars

number of bars	67
length	21.0m
max speed	1.8m/s
max total load	500kg
max point load under steel	150kg
max point load between steels	70kg
distance between bars	0.2m
distance between 40, 41 and 42	0.3m

Side bars

number of bars 6 (3 per side)

length	12.5m
max speed	1.8m/s
max total load	500kg
max point load under steel	150kg
max point load between steels	100kg

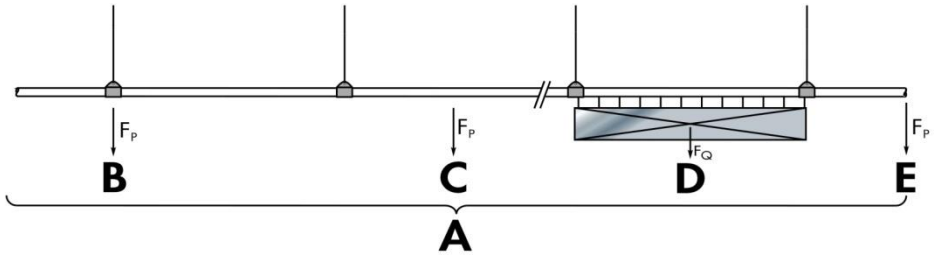
Point hoists

12 mobile chain hoists

4 fields of max 4 hoists per field	
max load per hoist	500kg
operated from	DSL

Appendix 3. Maximum weights

Toelaatbare belasting per trek

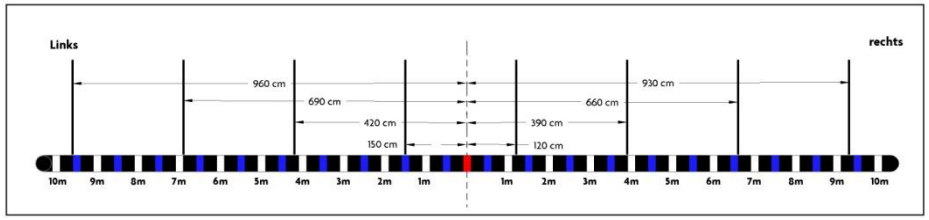


	A Last Q verdeeld over de hele trek	B Puntlast onder ophangpunt	C Puntlast tussen ophangpunten	D Last Q verdeeld tussen twee ophangpunten	E Puntlast P aan pijpeinde
Decor trek	500kg	150kg	70kg	200kg	35kg
zijtrek	500kg	150kg	300kg	300kg	50kg
punttakel	--	500kg	--	--	--
geluidstrek	300kg	150kg	300kg	300kg	--
zaaltrek	300kg	150kg	300kg	300kg	50kg
Portaalbrug	500kg	150kg	70kg	200kg	--

opgegeven maximale belastingen zijn met veiligheidsfactor van 10

NB: Lastgeval A mag nooit gelijk met één van de andere lasten voorkomen!

Appendix 4. cable distribution



Appendix 5. Rigging material

Discription	nr.	remark
prolite truss (x30D) driehoek 2mtr	8	
prolite truss (x30D) driehoek 3mtr	8	
prolite truss (x30D) koppelstuk haaks X-Y-Z	4	
prolite truss (x30D) circle 4 parts	1	
Variety of scaffold material		
variety of shackles		
steelcable 1mtr	21	WLL 150kg
steelcable 2mtr	27	WLL 150kg
steelcable 3mtr	20	WLL 150kg
steelcable 4mtr	36	WLL 150kg
steelcable 5mtr	24	WLL 150kg
steelcable 6mtr	44	WLL 280kg
steelcable 7mtr	10	WLL 280kg
steelcable 8mtr	42	WLL 400kg
steelcable 9mtr	34	WLL 280kg
steelcable 10mtr	25	WLL 200kg
steelsling 2mtr	12	WLL 1000kg
steelsling 3mtr	10	WLL 2000kg
safety jackets	4	2x small 2x large
Variety of rope		
Round sling 0,5mtr	2	WLL 1000kg
Round sling 0,5mtr	10	WLL 500kg
Round sling 1,5mtr	12	WLL 1000kg
Round sling 1mtr	5	WLL 3000kg
spanset	6	WLL 3000kg
Variety of tension ratchet		

Appendix 6. Flyplot

Voorstelling
Datum

	100	*Sluier*					
	99	*Portaalbrug*					

Afstand tot kk	Trek	Omschrijving	laag	tussen	hoog	groep
450	1					
650	2					
850	3					
1050	4					
1250	5					
1450	6					
1650	7					
1850	8					
2050	9					
2250	10					
2450	11					
2650	12					
2850	13					
3050	14					
3250	15					
3450	16					
3650	17					
3850	18					
4050	19					
4250	20					
4450	21					
4650	22					
4850	23					
5050	24					
5250	25					
5450	26					
5650	27					
5850	28					
6050	29					
6250	30					
6450	31					
6650	32					
6850	33					
7050	34					
7250	35					
7450	36					
7650	37					

-3460	204	*Zaaltrek voor*					
-3060	203	*Zaaltrek achter*					
-2630	202	*Geluidstrek rechts*					
-2630	201	*Geluidstrek links*					

Afstand tot kk	Trek	Omschrijving	laag	tussen	hoog	groep
7850	38					
8050	39					
8250	40					
8550	41					
8850	42					
9050	43					
9250	44					
9450	45					
9650	46					
9850	47					
10050	48					
10250	49					
10450	50					
10650	51					
10850	52					
11050	53					
11250	54					
11450	55					
11650	56					
11850	57					
12050	58					
12250	59					
12450	60					
12650	61					
12850	62					
13050	63					
13250	64					
13450	65					
13650	66					
13850	67					

links 1	71	binnen					
links 2	72	midden					
links 3	73	buiten					
rechts 1	81	binnen					
rechts 2	82	midden					
rechts 3	83	buiten					

LIGHTS AND POWER

Power

All 3-phase supplies are CEE red: 230/400V 50Hz - 3 phases, neutral and earth.

Fixed conections:

USR	2 x 125A 3phase
	1 x 63A 3phase
SL	2 x 125A 3phase
USL	1 x 125A 3phase
	1 x 63A 3phase
SR	2 x 125A 3phase

Dimmers

All fixed dimmers are equipped with a 30mA residual current circuit breaker on each channel.

FOH	136 x 2.5kW ETC Sensor
	6 x 5kW ETC Sensor
Proscenium gallery	42 x 2.5kW ETC Sensor
Proscenium towers	30 x 2.5kW ETC Sensor
Side galleries	30 x 2.5kW ETC Sensor
Upstage gallery	6 x 2.5kW ETC Sensor
Stage (DSL & DSR)	168 x 5kW ETC Sensor
garage	1 x 63A + 1 x 125A

DMX network

All dimmers are DMX512/1990 controlled through an XLR-5 data network. The hard patch is at DSR and contains 4 optical isolated splitters.

Splitters

4x 1in > 3 out

DMX512 signal can be sent from:

the control room (4 lines)
FOH mixing position (2 lines)
back of the house and DSL.

DMX512 signal can be sent to

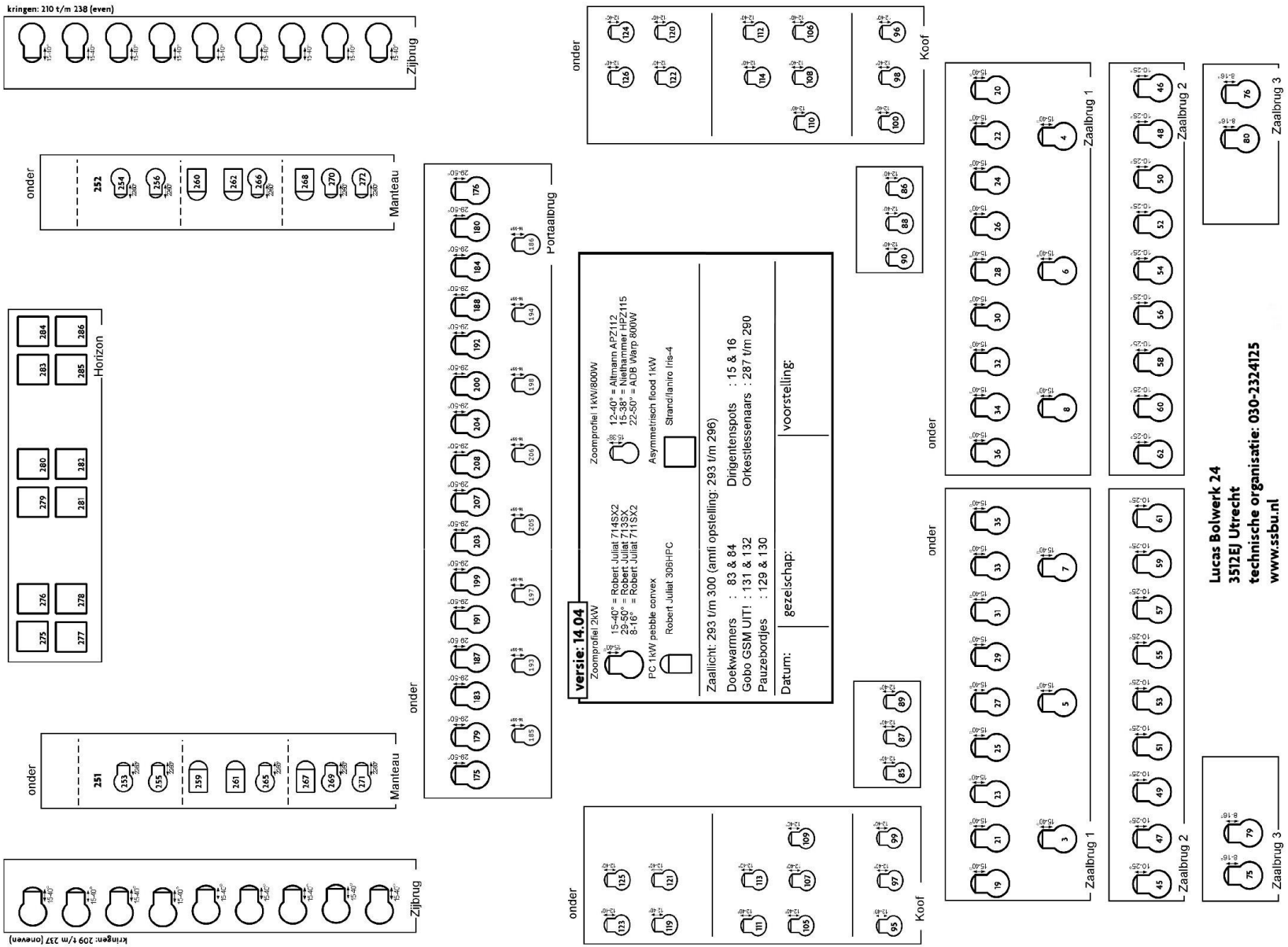
the house dimmers
the control room (2 lines)
the FOH bridge
USR (2 lines)
USL
SL (2 lines)
side stage
follow spot room.

Intermission signs and house lights are DMX512 controlled.
Exit signs can’t be dimmed or switched off.

Appendix 7. Fixed light

brand	type	Discription	nr.	remark
-	SSBU	house lights (DMX)	1	
Robert Juliat	Aramis	followspot 2,5kw HMI	2	
Robert Juliat	714SX	zoom profile 2kw 15-40º	6	1st auditorium bridge top
Robert Juliat	714SX	zoom profile 2kw 15-40º	18	1st auditorium bridge bottom
Robert Juliat	710SX2	zoom profile 2kW 8-16º	18	2st auditorium bridge
Robert Juliat	711SX2	zoom profile 2kW 10-25º	4	3st auditorium bridge
Robert Juliat	614SX	zoom profile 1,2 kW 16-35º	8	portal bridge TOP
Robert Juliat	713SX	zoom profile 2kW 29-50º	16	portal bridge bottom
Altman	APZ112	zoom profile 1,2kW 12-40º	30	auditorium side booms
Robert Juliat	701SX2	zoom profile 2kw 15-40º	20	stage bridge SL/SR
ADB	Warp	zoom profile 800W 20-50º	10	stage booms
Robert Juliat	306 HPC	pc 1kw with barndoors	6	stage booms
ETC	Source 4 profile	directorspot 14º	2	
ADB	C103	curtain lights (DMX)	4	
ETC	Source 4 profile	gsm uit bordjes	2	
ETC	Vivid R	34x Vivid R verdeeld over 17 yokes	17	freely movable
ETC	Source 4 profile	Gobo met pauze bordjes op zijwand	2	

Appendix 8. Light plot



Appendix 9. Light material

brand	type	Discription	nr.	remark
Robert Juliat	614SX	zoom profile 1,2 kw 16-35º	16	
ETC	Source 4 profile	zoomprofile 750w 25-50º	12	
ETC	Source 4 par	Source 4 PAR 750W with all lenzes	36	
ETC	Source 4 par	Source 4 4-bar PAR 750W with all lenses	8	
ADB	C203	PC 2kW	16	
Robert Juliat	306 HPC	pc 1 kW	18	
ADB	SH20	Fresnel 2kW	8	

Appendix 10. Mobile dimmers

brand	type	Discription	nr.	remark
MA-Lighting	0	12* 5kW in rack 32A blue/per 3 op 32A red with ground safety per 6 chanels 30mA	1	
MA-Lighting	0	24* 2,3kW with hardpatch with ground safety per 12 chanels 30mA	3	

Appendix 11. Intelligent light

brand	type	Discription	nr.	remark
Martin	Mac 700 Profile	yoke (dmx extended mode)	8	alleen te gebruiken in overleg
Martin	Mac Viper Performance	yoke	2	alleen te gebruiken in overleg
Martin	Mac Viper Profile	yoke	10	alleen te gebruiken in overleg
Vari*lite	VL2500 Wash	yoke	10	alleen te gebruiken in overleg
showtech	active sunstrip	active sunstrip	8	alleen te gebruiken in overleg

Appendix 12. Licht computers

brand	type	Discription	nr.	remark
ETC	Smartfade 12/48	small 48 Chanel desk with 24 sub's	2	
ETC	ION	tracking mixer console	1	
Jands	Vista T2 Byron	tracking mixer console +wing E2	1	

Appendix 13. Colour filters

brand	type	Discription	nr.	remark
Lee	0	002,071,075,079		
Lee	0	100,101,102,103,104,105,106,107,108,109,110		
Lee	0	111,113,115,116,117,118,119,120		
Lee	0	121,122,124,126,127,128		
Lee	0	132,134,135,136,137,138,139,140		
Lee	0	141,142,143,144,147,148		
Lee	0	151,152,153,154,156,157,158		
Lee	0	161,162,164,165,166,170		
Lee	0	172,174,176,179,180		
Lee	0	181,182,183		
Lee	0	192,194,195,196,197,198,200		
Lee	0	201,202,203,204,205,206		
Lee	0	212,213,218,219		
Lee	0	241,242,243,248		
Lee	0	363,702		
Rosco(frost)	frost	114,119,132		

SOUND

FOH System

Configuration (for each side):

6 x top: axys U-16

2 x laag: axys B-215

Frontfill:

6 x dual concentric in front edge of stage

FOH mixing position

1xLitton Veam (ch 1 thru 50)

1xSocapex (ch 1thru 12)

8x XLR M+F (ch 49 thru 56)

2x Madi BNC to Stage Right

2x Madi BNC to Stage Left

2x CAT-6 RJ45-ethercon to Stage Right

2x CAT-6 RJ45-ethercon to Stage Left

back of house mixing pos

2xSocapex (ch 1thru 12)

8x XLR M+F (ch 49 thru 56)

downstage right

1x Litton Veam (ch 1 thru 50)

4x Socapex + XLR F+M (ch 1 thru 48 in sections of 12)

2x Socapex + XLR F+M (24 ch to upstage mid)

1x Socapex + XLR F+M (12 ch to control room)

8x XLR M+F (ch 49 thru 56)

4x XLR F+M (spare connections to downstage left)

Connections to FOH and balcony fills

2x Madi BNC to FOH mixing position.

2x CAT-6 RJ45-ethercon to FOH mixing position.

Down stage left

1x Litton Veam (ch 1thru 50)

4x Socapex + XLR F+M (ch 1 thru 48 in sections of 12)

8x XLR M+F (ch 49 thr 56)

4x XLR F+M (spare connections to downstage right)

2x Madi BNC to FOH mixing position.

2x CAT-6 RJ45-ethercon to FOH mixing position.

upstage wall

2x Socapex + XLR F+M (12 ch to downstage right)

Stage sound

All dressing rooms and canteen

Stage announcements

From SL announcements can be made to all dressing rooms and canteen

Intercom

Wired: Digital ASL system with 8 beltpacks en 2 tafelstations

Wireless: 2 channel Telex system with 8 beltpacks

Appendix 14. Microphones

brand	type	Discription		remark
AKG	C414	condenser,Omni/Cardioid/hypercardioid/eight,	2	
AKG	C535EB	condenser, Cardioid	2	
AKG	CK31	head for SE300B, Omni	2	
AKG	CK91	head for SE300B, Cardioid	6	
AKG	D112	dynamic cardioid (kickdrum)	1	
AKG	SE300B	Body for, CK91/CK31	6	
audix	D6	dynamic cardioid (kickdrum, toms, bass amp)	1	
beyer	201	dynamic hypercardioid (Hi-hat, drums)	1	
Crown	pcc160	condenser, cardioid, boundry	3	
DPA	4061	condenser,Omni	6	
DPA	4066F	condenser,Omni,Headband	4	
Neumann	KM184	condenser,cardoid	8	
sennheiser	E604	dynamic cardioid,(drum with clip)	4	
sennheiser	e845s	dynamic cardioid,mute switch	2	
sennheiser	E906	dynamic cardioid,(guitaramps)	2	
sennheiser	MD421	dynamic cardioid,5 position basscontrol	2	
sennheiser	ME35 on gooseneck 60 cm	condenser, Cardioid tabel mic with stand	8	Base with ptt switch
sennheiser	ME36 on gooseneck 40 cm	condenser, Cardioid	2	
sennheiser	MKH416	condenser,shotgun	6	
Shure	Beta52A	dynamic modified supercardioid (kickdrum)	1	
Shure	Beta57A	dynamic supercardioid (instrument)	4	
Shure	Beta58A	dynamic supercardioid (vocal)	3	
Shure	Beta87A	condenser, supercardioid (vocal)	4	
Shure	Beta92	condenser, omni boundry	1	
Shure	Beta98	condenser,supercardioid (instrument) with A98D goose-neck mount for drumkit	4	
Shure	Beta98H	condenser, cardioid (instrument) with gooseneck angle brace	4	
Shure	SM57	condenser, supercardioid (instrument)	4	
Shure	SM58	condenser, supercardioid (vocal)	7	
AKG	C1000	condenser, Cardioid/hypercardioid	2	

Appendix 15. Wireless

brand	type	Discription	nr.	remark
Shure	ULXD4Q	4 channel reciver	2	working frequency 606-670mHz
Shure	ULXD2	wireless handheld with ksm9	6	working frequency 606-670mHz
Shure	ULXD1	wireless belt pack	6	working frequency 606-670mHz
Shure	sm58	cardioid capsule	4	for ULX D2 handheld
DPA	d:facto 2	cardioid capsule	2	for ULX D2 handheld

Appendix 16. Mixers

brand	type	Discription	nr.	remark
DiGiCo	SD9	48 flexi in 2x Drack 32in 16uit	1	digitaal
DiGiCo	SD11	32 in,8 flexi, 1x Drack 32in16uit	1	digitaal
Allen & Heath	mixwizard	16/2	1	annaloog
Allen & Heath	mixwizard	10+2/4/2	2	analoog
Midas	legend 3000	40+4/8/2/1	1	digitaal

Appendix 17. DJ material

brand	type	Discription	nr.	remark
Allen & Heath	Xone:32	mixer	1	
pioneer	DJM600	mixer	1	
pioneer	CDJ1000MK3	CD player	2	
technics	SL1200MK5	turntable (with shure ellement M44-7)	2	voor platen

Appendix 18. Speakers and monitors

brand	type	Discription	nr.	remark
SoundProjects	X-act	monitor (active)	16	
SoundProjects	SP2	top (active 90H*40V/1"+ 12")	6	
SoundProjects	SP15	Sub (active 15")	6	
Axys	UFM-212	monitor (active 110Hx100V/2"+12)	4	
Axys	U14	speaker (active 2x 6,5 "+ 1.1"(dome))	6	
Behringer	P16-M	Personal monitoring system+stand	9	with headphones
Behringer	P16-D	Personal monitoring Power supply	1	
Behringer	P16-I	Personal monitoring Input device	1	

Appendix 19. Sound periferals DI's

brand	type	Discription	nr.	remark
radial	J48	DI Active	6	
radial	pro AV2	DI passive	2	
radial	JDI dual	DI passive	3	extended stereo
ASL	TR2	DI passive	4	
Klark Teknik	LBB100	DI	6	

Appendix 20. Sound periferals Effect processors

brand	type	Discription	nr.	remark
Lexicon	PCM70	multy effect processor	1	
tc-electronics	M2000	multy effect processor (2 engines)	1	
tc-electronics	M2000	multy effect processor	1	

Appendix 21. Sound periferals remaining

brand	type	Discription	nr.	remark
XTA	DP200 V4.00	DSP (2 in 4 out)	2	
dbx	dbx 2231	graphic EQ (dual)	2	
dbx	1066	Compressor/lim/gate	12	
dbx	dbx 1046	Compressor (4*)	1	
tascam	MD-CD 1	CD & MD player	1	
marantz	PMD 331	CD player	2	
Denon	DN2000F	CD player (dubbele)	2	
Sony	MDS-E11	minidisk	2	

Appendix 22. Stands

brand	type	Discription	nr.	remark
k&m	0	High mic stand	10	
k&m	0	table stand	8	

VIDEO

Video network

A video coax network is provided with a hardpatch at DSR. In this patch 5 splitters are provided.

4x 1in > 3 output

1x 1in > 5 output

All connections are 75Ω

Location	Number
Sound pit	5
Audience loge	2
DSL	5
Orchestra pit L	1
Orchestra pit M	1
Orchestra pit R	1
Balcony L	1
Balcony LM	1
Balcony RM	1
Balcony R	1
stage boom L	1
stage boom R	1
Fly bar bridge	2

Front view

A colour image of the stage is distributed to canteen, control room, corridors round stage DSL,DSR and orchestra pit.

Conductor camera

The conductors camera is a black and white / infra red camera. Image is available on stage left and stage right.

Appendix 23. Projectors

brand	type	Discription	nr.	remark
Christie	WX10K-M	9500 Ansi, 3 chip LCD, res: 1366 x 786 (WXGA), ILS Lens 0.73:1 SX and ILS Lens 4.5-7.3:1 SX+ns 4.5-7.3:1 SX+	1	
Christie	LW400	4000 Ansi, 3 chip LCD, res: 1280x800 lens: 1.2-1.9:1	1	
NEC	VT770	LCD projector 3000 ansi	1	
3M	9700	overhead projector	1	

Appendix 24. Switcher/scaler/videomixer

brand	type	Discription	nr.	remark
logitech	R400	powerpoint presenter	2	
Analogway	Pulse2 PLS 350	Seamless switcher/scaler	1	
Analogway	Pulse PLS 300	Seamless switcher/scaler	1	
Edirol	V4	videomixer	1	

Appendix 25. Projection screens

brand	type	Discription	nr.	remark
Stumpfl	16/9	front or rear projection size 600x335 (projection size L/R 580x315), with rig points	1	
Stumpfl	16/9	front or rear projection size 400x225 (projection size L/R 380x205), with rig points	1	
projecta	4/3	front or rear projection size 240x180	1	

Appendix 26. Players/Recorders

brand	type	Discription	nr.	remark
samsung	BD-P1580	Blue ray speler/recorder, full HD 1080p, Divx	2	
Pioneer	DVD7300D	DVD player	2	
Sony	HXR-NX-70E	HD camera/player/recorder	1	records on SD card
Philips	?	director camera (infrared (black/white) patch-baar)	1	

Appendix 27. Monitors

brand	type	Discription	nr.	remark
DataVideo	TLM-702	2x7" Wide Screen TFT LCD Monitor Bank 19"	1	
marshal	V-LCD4-pro-L	tft 4"	1	
marshal	V-LCD8-pro	tft 8"	2	
Neovo	L-W27	led LCD screen 1920*1080	1	
Neovo	L-W24	led LCD screen 1920*1080	2	
Philips	?	tft 20"	2	
Sony	LMD1410	tft 16"	2	
sony	LMD2010	tft 20"	1	

SMALL AUDITORIUM

FACILITIES

Seating capacity

The Blauwe Zaal is a small 'black-box' theatre with a front tribune and seats on two sides

Front tribune:	185
with sides:	240

maximum amount of seats depends on the desired sightlines.

Sound pit

In the middle of the audience there is room for a table to control sound and lights. This takes approx. 8 audience seats

The back wall consists of large windows that can be covered with a black backdrop.

Dressing rooms

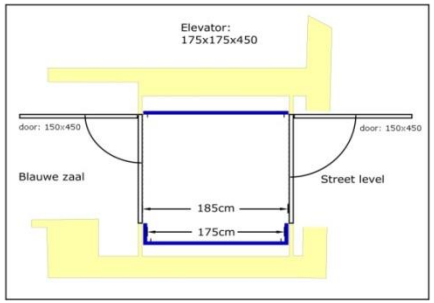
All dressing rooms provide hot and cold drinking water, toilets showers.

total amount of rooms:	3
total amount of people:	15

Loading/Unloading

By Elevator, to be accessed from the street next to the main entrance of the theatre.

Appendix 28. Elevator plot



Elivator door wxh	1,5x4,5m
lift size	1,75x1,85x4,50m
lifting capacity:	1000kg

Stage dimensions and material

Hardwood (Keruing)

It is allowed to turn screws into the floor.

Thickness	25mm
Maximum load	400kg/m2

Stage dimensions

width:	9.5m
Stage height grid:	4.9m`
Stage height fly bars	4,6
Stage Depth:	8.1m

Marley dance floor

Entire floor 10x8m

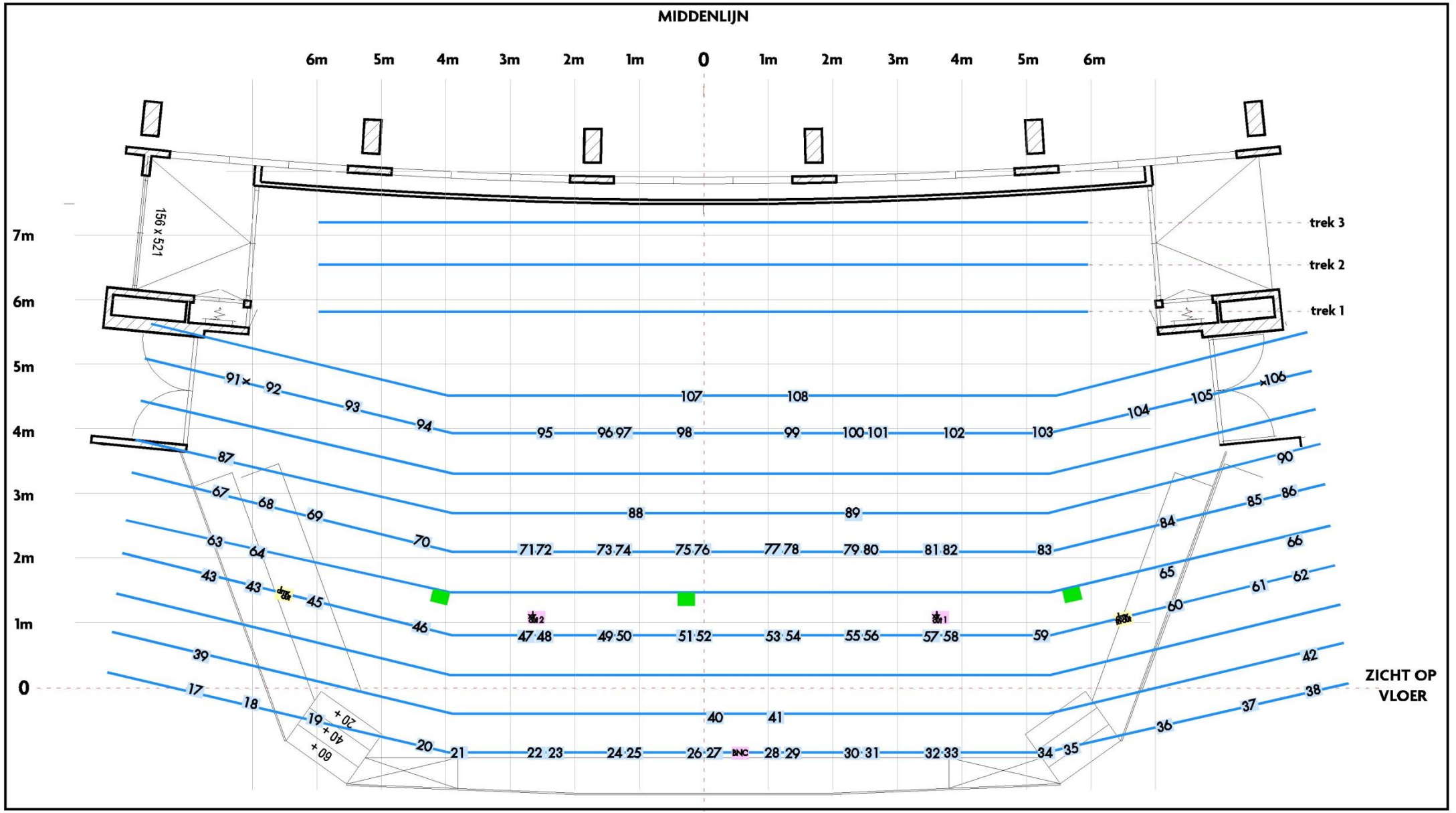
Masking

backdrop	black 2 parts of 7,5m in rail
cyclorama	10x4.5m
Black scrim	10x4.5m

Grand Piano

Yamaha C3, 1.86m, built in 1992

Appendix 29. floorplot



RIGGING

The Blauwe Zaal has 3 upstage fly bars on chain hoists.

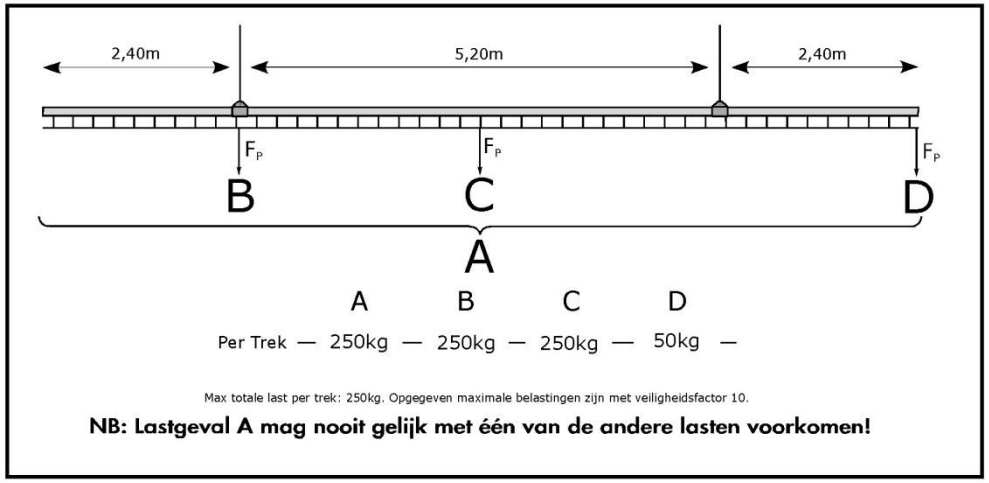
A grid of 48mm pipe covers the rest of the stage. 6 rigging points can be made on overhead steel bars.

A genie-lift is available to hang lights and other objects.

Bars

max load fly bars:	250kg
max load of the grid:	50kg/m

Appendix 30. Maximum load



Grid

Above complete stage, pipes, spaced 50cm. Lights will be placed an focused with a rolling bridge free space under the bridge is max 2,8m

LIGHT AND POWER

power

SL 2 USL USI,	1x125A

Distribution

125A in	1x 63A CEE rood
	1x 32 CEE rood
	6x shuco

Dimmers:

144 x 3kW ADB-eurodim
16 over the seating area
92 in the grind
36 on the floor

All dimmer outlets are 2 way 10A shuko.

All spotlights equipped with shuko plugs.

Control

All dimmers are DMX512 controlled through a XLR-5 data network. The hardpatch of this network is in the control room and contains 2 opto isolated splitters.

DMX

DMX signals can be sent from:
- the control room (2 lines)
- FOH-mixing position
- stage-left.

DMX signals can be sent to:
- house dimmers
- the control room
- FOH mixing position
- stage left
- stage right
- grid
- upstage left

All DMX cables have 5 lines and no earth connection.

Appendix 31. Light

brand	type	Discription	nr.	remark
ETC	ION +WING	tracking mixer console	1	
ETC	Express 250	Express 250 250 chanels 24 sub's 2 playback's	1	
Martin	Mac Aura	yoke	8	alleen te gebruiken in overleg
ADB	Warp	zoom profile 800W 12-30º	6	fixed in first row
Arri	True Blue Theatre St1/2	Fresnel 2kW with barndoors	12	
ETC	Source 4 par	Source 4 PAR 575W with all lenzen	30	
ETC	Source 4 profile	zoom profile 575W 25-50º	14	
Robert Juliat	306HF	fresnel 1kW with barndoors	12	
Robert Juliat	306HPC pebble	pc 1kw with barndoors	22	
Robert Juliat	306HPC pebble	pc 1kw with barndoors	8	fixed in first row
Strand	Coda	asymetrisch (4 voudig 4*1kw)	6	

SOUND

F.O.H. system

Sound Projects SP2/15

Per side:	1x top (90°x55°)
	1x sub15 inch
Fill	Axys U14+
Processing	2x XTA DP200 2x in 4x out

Multi cable

Control room

- 2x Socapex (1-24)
- 24x XLR double
- 4 x USM (k1-k4)
- 4x grid (grid1 - grid4)
- 4x sound pit (25-28)

Sound pit

- 2x Socapex (1-24)
- 4x XLR double (21-24)
- 4x XLR double (25-28 to control room)

USL and USR

- 2x Socapex (1-24)
- 24x XLR double (1-24)

Stage sound

Dressing rooms

Intercom

1 channel intercom system ASL with connections in control room sound pit USL USR

VIDEO

Video network

A video coax network is provided with a hardpatch at the control booth. In this patch 2 splitters are provided. 2x 1 in > 4 out

All connections on the video network are 75Ohm coax cable terminated with BNC-connectors. All lines are free of earth connections.

Outlets available at:

- Stage right (2x)
- Stage left (2x)
- grid (2x)
- FOH position (3x)
- center (down)stage (1x)

RESTAURANT ZINDERING

FACILITIES

Sound pit

In the back of the auditorium

Dressing rooms

Dressing rooms are shared with the main auditorium

Loading/unloading

Loading and unloading trough personal lift: 93x 200cm

Stage size material

hardwood (Keruing)

thickness:	20 mm
depth:	3m
width:	3.5m

Heights from stage

Ceiling:	2.7m
Audience floor	-20cm

Piano

Yamaha Silent Piano build 2012

LIGHTS AND POWER

power

1x 63A red

Dimmers

3x 4 dimmers fixed position

DMX

Fixed Lines between sound pit and stageSound

FOH system

Sound Projects SP2/15

Per side:	1x top (90°x 55°)
	1x sub 15inch

Multi cable

22 kanaals multi cable with following connections:

stage	1x Socapex (1-12)
	10x XLR (13-22) first 4 double
Sound pit	1x Socapex (1-12)
	10x XLR (13-22) first 4

VIDEO

Video network

3 fixed lines between stage and sound pit in BNC

FOYERS

HEKMAN FOYER

Floor size and height

LxWxH 17x8,75x3,85m

There are some chandelier on the ceiling that cannot be moved

accessibility

The Hekman foyer is situated on the first floor, and is access is limited for rolling material. Big and heavy materials like piano's access the Heckman Foyer

Smallest pass trough

Rolling material without staircases 75x 200cm

4 step staircase trough personal elevator: 93x 200cm

Numerous stairs trough Zocher foyer terrace 160x 210cm

Capacity

Maximum number of people in the Heckman foyer is 150.

If Seats are placed the capacity will be down scaled to 80.

Obstacles or furniture can downscale the capacity.

If in doubt Stadsschouwburg Utrecht will ask for advice at the Utrecht fire department furniture. All Furniture is movable except for the bar.

Dressing rooms

Dressing rooms are shared with the main auditorium

Power

1x 63A CEE red

AV- facilities

The Hekman foyer is equipped with a Full range Sound system, A beamer/screen combination (16:10), lectern with laptop, 2 wireless handheld microphones, Cd player and DVD player.

All equipment has been carefully selected for the foyer

DUDOK FOYER

De Dudok foyer positioned on the main floor. Reachable with rolling material

Floor size and height

LxWxH 19x7,3x3,1m

Smallest pass trough

140x 220cm (main entrance)

Capacities

No fixed number of audience is set. If in doubt Stadsschouwburg Utrecht will ask for advice at the Utrecht fire department

Dressing rooms

Dressing rooms are shared with the main auditorium

ZOCHER FOYER

Floor size and height

LxWxH 13x7x7m

Accessibility

De Zocher foyer is situated 85cm above the main Floor.

Accessible trough a wide staircase from the entrance or trough the loading dock Of the main auditorium (no stairs).

Smallest pass trough

88x 200cm. (Trough loading dock of main stage)

Capacities

No fixed number of audience is set. If in doubt Stadsschouwburg Utrecht will ask for advice at the Utrecht fire department

Dressing rooms

Dressing rooms are shared with the main auditorium

Power

1x 32A CEE rood

1x 25A op 32A CE rood

ROUND SCHOUWBURG UTRECHT

ZOCHER PARK

Power

garage 2x	1 x 63A + 1 x 125A	
front of main entrance	1x 32A op 3 Phase with:	
	1x 32A rood	
	2x shuko 16A 25A blauw	2x

Cable length

Garage 125A to main entrance	75m
Garage 125A to main barrier	75m

ZOCHER TERRACE

Can be used for performances as long as emergency exit's stay accessible. If in doubt Stadsschouwburg Utrecht will ask for advice at the Utrecht fire department

Floor size and height

LxW 17x5m height of the doors 2m

Power

Balcony	1x 32A CE red

DUDOK BALCONY

Power

Balcony	1x 32A CE red

Maximal 25A per Phase

Level -1 under balcony	1x 32A CE red

Maximal 25A per Phase